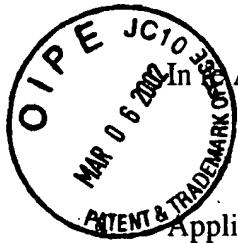


*sector 6P3753B*  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Application of:

John L. BOWERS

Application No. 09/986,346

Filed: November 8, 2001

For: UNI-DIRECTIONAL FLUID  
VALVE

Art Unit: 3753

Examiner: J. Rivell

Atty Docket: P64258US2

**RESPONSE TO NOTICE TO FILE MISSING PARTS  
OF REISSUE APPLICATION AND**  
**RESPONSE TO NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL  
APPLICATION UNDER 37 CFR § 1.53(b)**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

With respect to the above-identified patent application, the following are filed herewith in response to the Notice to File Missing Parts of Reissue Application mailed February 27, 2002, copy attached, and the Response to Notice to File Missing Parts of Nonprovisional Application under 37 CFR § 1.53(b) mailed February 27, 2002, copy attached:

1. Copy of Consent of the Assignee filed in the parent application on November 15, 1999; and
2. Copy of Assignee's Statement Under 37 CFR § 3.73(b) filed in the parent application on July 10, 2001.

3. Our check for \$ 298 covering the following:

- a. \$168 for 5 independent claims over 3; and
- b. \$130 surcharge.

It is not believed that extensions of time, or fees for consideration and processing of the above-listed documents, are required, except as provided for in documents accompanying this Response. However, in the event that additional extensions of time are necessary, then such extensions of time are hereby petitioned under 37 CFR § 1.136(a); any fee deficiency (for an extension of time or for consideration and processing of any documents accompanying this Response) is hereby authorized to be charged to our Deposit Account No. 06-1358.

Respectfully submitted,

JACOBSON HOLMAN PLLC

Date: Mar. 6, 2002

By: Linda J. Shapiro

Linda J. Shapiro  
Registration No. 28,264

Customer No. 00,136  
400 Seventh Street, N.W.  
Washington, D.C. 20004  
(202) 638-6666



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY OF COMMERCE AND  
ONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|---------------------|-----------------------|------------------------|
| 09/986,346         | 11/08/2001          | John Lawrence Bowers  | P64258US2              |

00136  
JACOBSON HOLMAN PLLC  
400 SEVENTH STREET N.W.  
SUITE 600  
WASHINGTON, DC 20004



Date Mailed: 02/27/2002

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

### *Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

Correction of the following is required to complete the reissue application:

The reissue specification has not been provided in double-column format as is required by 37 CFR 1.173(a)(1). A **surcharge is not required when supplying this item.**

Consent of the assignee is missing. 37 CFR 1.172 requires that the reissue oath/declaration be accompanied by the written consent of **all** assignees. Until this item is supplied, the oath/declaration remains defective; thus, **payment of the surcharge (\$130 for large entity; \$65 for small entity) under 37 CFR 1.53(f) and 37 CFR 1.16(e) is required in addition to the supplying of this item.** See MPEP § 1410.01.

Consent of the assignee is present, but is unsigned. A statement of consent bearing the signature of an official authorized to act on behalf of the assignee(s) must be provided, to comply with 37 CFR 1.172. Until this item is supplied, the oath/declaration remains defective; thus, **payment of the surcharge (\$130 for large entity; \$65 for small entity) under 37 CFR 1.53(f) and 37 CFR 1.16(e) is required in addition to the supplying of this item.** See MPEP § 1410.01.

Assignee's statement under 37 CFR 3.73(b) establishing ownership of the patent is missing. 37 CFR 1.72 requires that all assignees consenting to the reissue establish their ownership interest in the patent by filing in the reissue application a statement in accordance with 37 CFR 3.73(b). See MPEP § 324. Until this item is supplied, the oath/declaration remains defective; thus, **payment of the surcharge (\$130 for large entity; \$65 for small entity) under 37 CFR 1.53(f) and 37 CFR 1.16(e) is required in addition to the supplying of this item.** See MPEP § 1410.01.

Assignee's statement under 37 CFR 3.73(b) is present, but is unsigned. A 37 CFR 3.73(b) statement bearing the signature of an official authorized to act on behalf of the assignee must be provided. Until this item is supplied, the oath/declaration remains defective; thus, **payment of the surcharge (\$130 for large entity; \$65 for small entity) under 37 CFR 1.53(f) and 37 CFR 1.16(e) is required in addition to the supplying of this item.** See MPEP § 1410.01.

*A copy of this notice MUST be returned with the reply.*

Office of Initial Patent Examination (703) 308-1202

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

John L. BOWERS

Application No. 09/442,082

Art Unit: 3753

Filed: November 15, 1999

Examiner: J. Rivell

For: UNI-DIRECTIONAL FLUID  
VALVE

Atty Docket: 19462.125

New Atty Docket: P64258US1

STATEMENT UNDER 37 CFR § 3.73(b)Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

3M Innovative Properties Company, a Delaware corporation, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

A.  An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the U.S. Patent and Trademark Office at Reel \_\_, Frame \_\_, or for which a copy thereof is attached.

OR

B.  A chain of title from the inventor(s) of the patent identified above to the current assignee as shown below:

1. From John Lawrence Bowers to Racal Health & Safety Limited. The document was recorded in the Patent and Trademark Office at Reel 9175, Frames 0469, or for which a copy thereof is attached.

2. From Racal Health & Safety Limited to Minnesota Mining and Manufacturing Company. The document was recorded in the Patent and Trademark Office at Reel 9257 Frames 0391, or for which a copy thereof is attached.

3. From Minnesota Mining and Manufacturing Company to 3M Innovative Properties Company. The document was recorded in the Patent and Trademark Office at Reel 10532, Frames 991-992, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

[ ] Copies of assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

Date:

1 April 9, 2001

Name:

Gary L. Griswold

Title:

████████ President and Chief Intellectual Property Counsel

Signature:

Gary L. Griswold



# UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

| APPLICATION NUMBER | FILING/RECEIPT DATE | FIRST NAMED APPLICANT | ATTORNEY DOCKET NUMBER |
|--------------------|---------------------|-----------------------|------------------------|
| 09/986,346         | 11/08/2001          | John Lawrence Bowers  | P64258US2              |

00136  
JACOBSON HOLMAN PLLC  
400 SEVENTH STREET N.W.  
SUITE 600  
WASHINGTON, DC 20004

## CONFIRMATION NO. 8502 FORMALITIES LETTER



\*OC000000007547474\*

Date Mailed: 02/27/2002

## NOTICE TO FILE MISSING PARTS OF REISSUE APPLICATION

### *Filing Date Granted*

An application number and filing date have been accorded to this reissue application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- Total additional claim fee(s) for this application is \$168.
  - **\$168 for 5 independent claims over 3 .**
- **The balance due by applicant is \$ 168.**
- Assignee's statement under 37 CFR 3.73(b) establishing ownership of the patent is missing. 37 CFR 1.172 requires that all assignees consenting to the reissue application establish their ownership interest in the patent by filing in the reissue application a statement in accordance with 37 CFR 3.73(b).

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center  
Initial Patent Examination Division (703) 308-1202

### PART 2 - COPY TO BE RETURNED WITH RESPONSE

Adjustment date: 04/04/2002 SDIRETA1  
03/11/2002 NROCHA1 00000093 09986346  
01 FC:102 -168.00 OP

04/04/2002 SDIRETA1 00000093 09986346

01 FC:109 168.00 OP

168.00 OP  
130.00 OP  
03/11/2002 NROCHA1 00000093 09986346  
01 FC:105  
02 FC:105